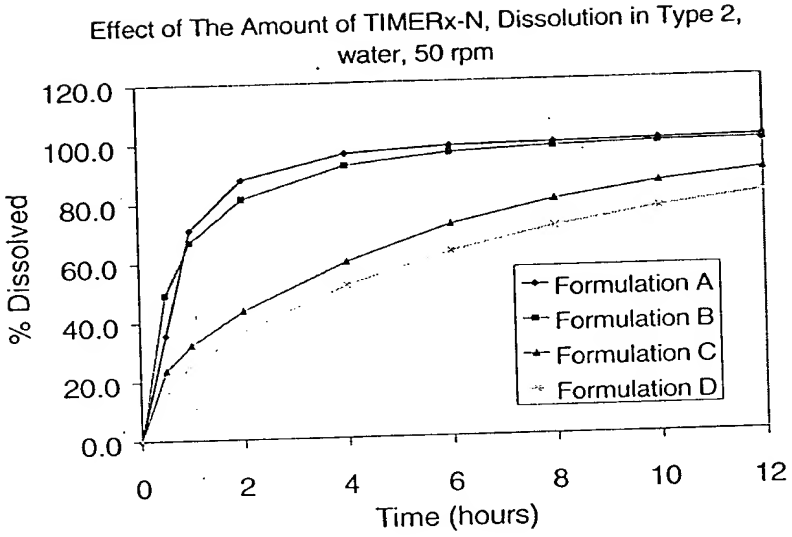
Effect of The Amount of TIMERx-N, Dissolution in Type 2, water, 50 rpm
% Dissolved
120.0
100.0
80.0
60.0
40.0
20.0
0.0
0
2
4
6
8
10
12
Time (hours)
Formulation A
Formulation B
Formulation C
Formulation D

FIGURE 1

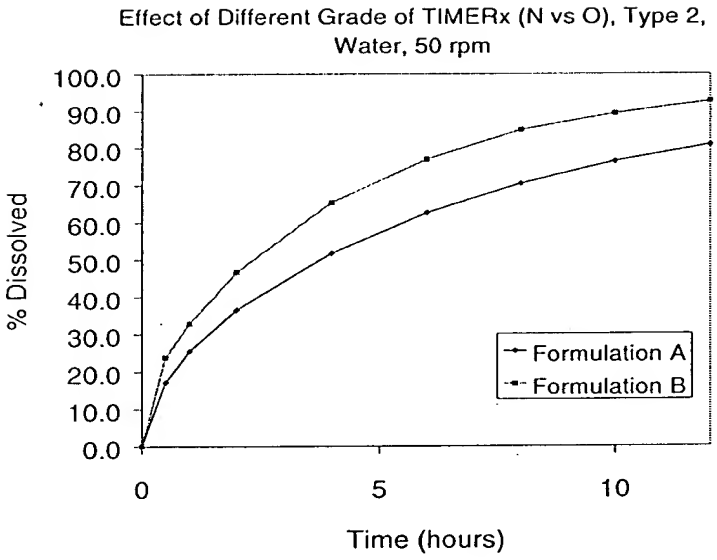
Effect of Different Grade of TIMERx (N vs O), Type 2, Water, 50 rpm
% Dissolved
100.0
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
0
5
10
Time (hours)
Formulation A
Formulation B

FIGURE 2

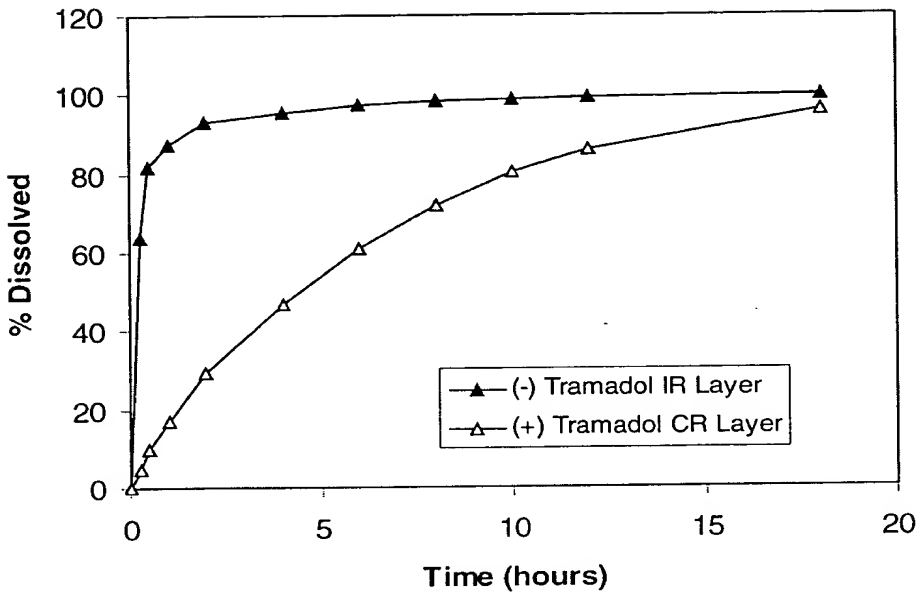
120
100
80
60
40
20
0
% Dissolved
0
5
10
15
20
Time (hours)
(-) Tramadol IR Layer
(+) Tramadol CR Layer

FIGURE 3

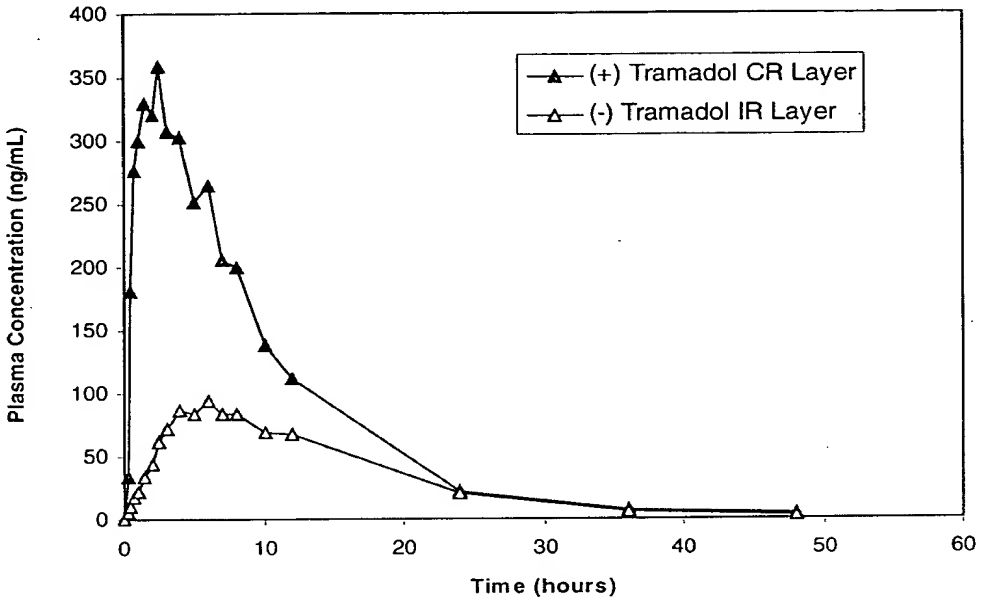
400
350
300
250
200
150
100
50
0
Plasma Concentration (ng/mL)
0
10
20
30
40
50
60
Time (hours)
(+) Tramadol CR Layer
(-) Tramadol IR Layer

FIGURE 4